

CONTACT LENSES WITH MICROCHANNELSABSTRACT OF THE INVENTION

Contact lenses for use in eyes are provided and include a lens body and a plurality of radially extending microchannels defined in the posterior face of the lens body. In one embodiment, the microchannels are sized and adapted to promote effective tear fluid exchange between an exposed surface of the eye and a surface of the eye covered by the lens body without substantially interfering with the optical zone function of the lens body.